



Product Data Sheet

Poly-Pale Partially Dimerized Rosin - China

Product Description

Poly-Pale resin is a pale, partially polymerized (dimerized) rosin. Compared with pale grades of regular wood, gum, or tall oil rosins, it has a higher softening point, higher viscosity (molten and in solution), much greater resistance to oxidation, and complete freedom from crystallizing when in solid form or in solution. Its many uses include the preparation of varnishes, driers, synthetic resins, ink vehicles, floor tile, rubber compounds, solder fluxes, and various adhesives and protective coatings.

List of Applications

- Adhesives
- Driers
- Rubber compounds
- Synthetic resins
- Coatings
- Inks
- Soldering flux
- Varnish

Typical Properties

Property	Typical Value, Units
Acid Number	160
Color, Neat	WGo USRG
Ring and Ball Softening Point	96°C
Molecular Weight Distribution	
M_n	313
M_w	353
M_z	422
M_w/M_n	1.13
Melt Viscosity, Brookfield Thermosel	
@ 100°C	100,800 cP
@ 120°C	4,100 cP
@ 140°C	400 cP
@ 160°C	100 cP
@ 180°C	33 cP
Density @ 20°C	1.069 kg/L

Eastman Chemical Company and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.